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From: Hunt, Jennifer
Sent: Wednesday, October 31, 2001 2:54 PM
To: STIC-ILL
Subject: References for 09/186,475

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Proc Annu Meet Am Soc Clin Oncol, (1998). Vol. 17, pp. A843

SU5416: A potent and selective Flk-1/KDR kinase inhibitor that blocks receptor autophosphorylation, endothelial cell mitogenesis, and tumor growth, by Tang, Cho; Li, Sun; Tran, Jade; Liang, Chris; Nematalla, Asaad; Fong, Annie; App, Harald; Rice, Audie; Kim, Young; Schreck, Randy; Chen, Jason; Dowd, Brian; Suto, Eric; Vasile, Steve; Shawver, Laura; McMahon, Jerry; Hirth, Peter
Book of Abstracts, 215th ACS National Meeting, Dallas, March 29-April 2 (1998), MEDI-205 Publisher: American Chemical Society, Washington, D. C. CODEN: 65QTAA
DT Conference; Meeting Abstract

Proceedings of the American Association for Cancer Research Annual Meeting, (March, 1998) Vol. 39, pp. 96

Expert Opinion on Investigational Drugs, (1998) 7/6 (1015-1021)

NEOPLASIA, (1999 Apr) 1 (1) 31-41

Proc Annu Meet Am Soc Clin Oncol, (1999). Vol. 18, pp. A618

Proc Annu Meet Am Soc Clin Oncol, (1999). Vol. 18, pp. A619

Thanks,

Jennifer Hunt
Patent Examiner, Art Unit 1642
CM1-8D06 (mailbox 8E12)
(703)308-7548



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10/10/01

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(FILE 'HOME' ENTERED AT 14:10:18 ON 31 OCT 2001)

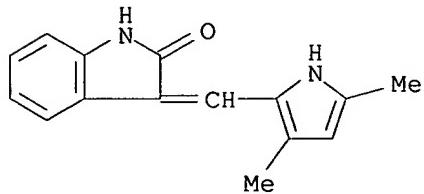
FILE 'REGISTRY' ENTERED AT 14:10:39 ON 31 OCT 2001
E SU 5416/CN

L1 1 S E3

FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS, CANCERLIT, SCISEARCH, TOXLINE'
ENTERED AT 14:11:54 ON 31 OCT 2001

L2 3814153 S DOSE OR DOSAGE
L3 10128 S STANDARD CURVE
L4 205 S L2 (10A) L3
L5 85 DUP REM L4 (120 DUPLICATES REMOVED)
L6 3411221 S MARKER OR RECEPTOR OR FLK-1 OR PHOSPHORYLAT####
L7 4 S L5 (P) L6
L8 120189 S ANGIOGENESIS OR VASCULARIZ####
L9 0 S L4 (P) L8
L10 385 S SU5416 OR SU 5416
L11 119 S L10 (P) L8
L12 51 DUP REM L11 (68 DUPLICATES REMOVED)
L13 7 S L12 (P) L2
L14 32 S L12 (P) L6

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 204005-46-9 REGISTRY
CN 2H-Indol-2-one, 3-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-1,3-dihydro-
(9CI) (CA INDEX NAME)
OTHER NAMES:
CN SU 5416
FS 3D CONCORD
MF C15 H14 N2 O
SR CA
LC STN Files: BIOSIS, CA, CAPLUS, DRUGPAT, DRUGUPDATES, TOXLIT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

37 REFERENCES IN FILE CA (1967 TO DATE)
37 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L7 ANSWER 1 OF 4 MEDLINE
AN 84058724 MEDLINE
DN 84058724 PubMed ID: 6642076
TI A new in vitro melanophore bioassay for MSH using tail-fins of Xenopus tadpoles.
AU de Graan P N; Molenaar R; van de Veerdonk F C
SO MOLECULAR AND CELLULAR ENDOCRINOLOGY, (1983 Oct) 32 (2-3) 271-84.
Journal code: E69; 7500844. ISSN: 0303-7207.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198401
ED Entered STN: 19900319
Last Updated on STN: 19900319
Entered Medline: 19840107
AB . . . obtained with alpha-MSH is sigmoidal with a linear portion between 0.5 and 2.0 ng alpha-MSH/ml. In this range, the log dose-response curve can be used as the **standard curve** in a bioassay for melanotropic activity, applying either the melanophore index (assay I) or a photometric transmittance measurement (assay II). . . chromatophores; (2) to date it is the only system suitable for photoaffinity labelling of alpha-MSH receptors; and (3) the melanophore receptor requirements differ from those of Rana.

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|---|------|-----|------------|---------------------|---------------------------------|--|----------------------|------------------|--------|
| 1 | BRS | L1 | 24083 4 | dose or dosage | USPA T; US-P GPUB ; | EPO; JPO; DERW ENT; IBM TDB | 2001/10/3 1 14:13 | | 0 |
| 2 | BRS | L2 | 8474 | standard adj1 curve | USPA T; US-P GPUB ; | EPO; JPO; DERW ENT; IBM TDB | 2001/10/3 1 14:14 | | 0 |
| 3 | BRS | L3 | 81 | 1 near10 2 | USPA T; US-P GPUB ; | EPO; JPO; DERW ENT; IBM TDB | 2001/10/3 1 14:14 | | 0 |

| Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|------|-----|------|---------------------------------------|---|----------------------|----------|------------------|--------|
| 4 | BRS | L4 | 7995 angiogenesis or vasculariz\$5 | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2001/10/3 1 14:16 | | | 0 |
| 5 | BRS | L5 | 0 3 same 4 | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2001/10/3 1 14:16 | | | 0 |
| 6 | BRS | L6 | 0 1 same 2 same 4 | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2001/10/3 1 14:16 | | | 0 |

| Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|------|--------|------------|---|---|----------------------|----------|------------------|--------|
| 7 | BRS L7 | 17129 9 | marker or receptor or flk-1 or phosphorylate\$4 | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2001/10/3 1 14:19 | | | 0 |
| 8 | BRS L8 | 4 | 3 same 7 | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2001/10/3 1 14:22 | | | 0 |
| 9 | BRS L9 | 16 | (su adj1 "5416") or su5416 | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2001/10/3 1 14:23 | | | 0 |

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| U | I | Document ID | Issue Date | Pages | Title | Current OR | Current XRef | Retrieval Classif |
|---|--------------------------|----------------------------|------------|----------|---|------------|--|-------------------|
| 1 | <input type="checkbox"/> | US B1 | 6177401 | 20010123 | Use of organic compounds for the inhibition of Flk-1 mediated vasculogenesis and angiogenesis | 514/1 | 435/7.2 ; 436/501 ; 530/350 ; 530/399 | |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> A | US 6004967 | 19991221 | Treatment of psoriasis treatment with quinazoline compounds | 514/259 | | |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> A | US 5990141 | 19991123 | Treatment of platelet derived growth factor related disorders such as | 514/378 | 514/521 | |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> A | US 5958959 | 19990928 | Treatment of platelet derived growth factor related disorders such as | 514/378 | 514/379 ; 514/380 | |
| 5 | <input type="checkbox"/> | <input type="checkbox"/> A | US 5942385 | 19990824 | Method for molecular diagnosis of tumor angiogenesis and metastasis | 435/4 | 435/366 ; 435/6 ; 435/7.1 ; 435/7.92 ; 435/91.2 ; 536/23.1 | |
| 6 | <input type="checkbox"/> | <input type="checkbox"/> A | US 5932602 | 19990803 | Treatment of platelet derived growth factor related disorders such as | 514/380 | 514/378 ; 514/379 ; 514/521 | |
| 7 | <input type="checkbox"/> | <input type="checkbox"/> A | US 5789427 | 19980804 | Cancers Methods and compositions for inhibiting cell proliferative disorders | 514/352 | 514/357 ; 546/304 ; 546/330 | |

| | Inventor | S | C | P | 2 | 3 | 4 | 5 |
|---|--------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | Ullrich, Axel , et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2 | McMahon, Gerald , et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3 | Hirth, Klaus Peter , et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4 | Hirth, Klaus Peter , et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5 | Hirth, Klaus Peter | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6 | Hirth, Klaus Peter , et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7 | Chen, Hui , et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| U | I | Document ID | Issue Date | Pages | Title | Current OR | Current XRef | Retrieval Classif |
|----|--------------------------|-------------|------------|----------|--|---|--------------|-------------------|
| | | | | | | 514/618 ; 514/619 ; 564/162 ; 564/164 ; 564/165 ; 564/167 ; 564/168 ; 564/170 | | |
| 8 | <input type="checkbox"/> | US A | 5773476 | 19980630 | 39 Methods and compositions for inhibiting cell proliferative disorders | 514/620 | | |
| | | | | | | 435/15 ; 435/21 ; 435/29 ; 435/7.23 ; 435/7.24 ; 435/7.94 ; 436/518 ; 436/548 | | |
| 9 | <input type="checkbox"/> | US A | 5763198 | 19980609 | 12 Screening assays for compounds | 435/7.21 | | |
| | | | | | | 514/378 ; 514/379 ; 514/521 | | |
| 10 | <input type="checkbox"/> | US A | 5700823 | 19971223 | 40 Treatment of platelet derived growth factor related disorders such as cancers | 514/380 | | |
| | | | | | | 514/380 | 514/379 | |
| 11 | <input type="checkbox"/> | US A | 5700822 | 19971223 | 58 Treatment of platelet derived growth factor related disorders such as cancers | | 514/379 | |

